



# भारत का राजपत्र

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NEW DELHI, SATURDAY, DECEMBER 10, 1966 (AGRAHAYANA 19, 1888)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and designs

Calcutta, the 10th December 1966

## Application for Patents

The dates shown in the crescent brackets are the dates claimed under Section 78A of the Act.

The 19th November 1966

108039. P. C. Luthar. Improved type of smoking pipe.  
108040. Fiber Industries, Inc. Backwinding a supply beam.  
108041. Associated Electrical Industries Limited. Improvements relating to automatic telephone exchange systems. (17th June 1964). (Addition to No. 99946. [Divisional date 8th June 1965].  
108042. Dr. C. Otto & Comp. Gesellschaft Mit Beschränkter Haftung. Horizontal chamber oven for producing coke and gas.  
108043. Wright Rain Limited. Improvements in or relating to standpipes for irrigation pipe lines. (20th November 1965).  
108044. International Standard Electric Corporation. Motion determinator.  
108045. International Standard Electric Corporation. Circuit for subscriber identification in telephone or teletype exchanges.  
108046. R. G. Bajaj. Water taps (bib & pillar taps).  
108047. Imperial Chemical Industries Limited. Manufacture of new dyestuffs suitable for the dyeing of cellulose textile materials. [Divisional date 2nd April 1965].  
108048. Imperial Chemical Industries Limited. Purification of phenol. (26th November 1965).  
108049. The Board of the Rubber Research Institute of Malaya. Improvements in or relating to the processing of natural rubber.  
108050. The Board of the Rubber Research Institute of Malaya. Improvements in or relating to the processing of natural rubber.  
108051. Klockner-Humboldt-Deutz Aktiengesellschaft. Device for the treatment of fine granular material by means of gases. (19th October 1966).

The 21st November 1966

108052. Dr. G. V. Ramanan. Improvements in or relating to binaural sound system.  
108053. Lock & Components Combine Private Limited. Cylindrical plunger type lock insert.

108054. Smt. Saroja. An improved type of electrical safety fuse holder unit.  
108055. N. Palaniandy. Electro-mechanically propelled two-wheeler.  
108056. N. Palaniandy. Thermal efficiency enhancer for boilers.  
108057. N. Palaniandy. Deuterium bakery oven.  
108058. B. S. Dhamija and B. S. Dhamija. Family planning calculator.  
108059. American Cyanamid Company. Polymerization of water soluble monomers.  
108060. American Cyanamid Company. Method of drying polymer solutions.  
108061. American Cyanamid Company. Simultaneous hydrolysis and polymerization of acrylamides.  
108062. Brown & Williamson Tobacco Corporation. Machine for cartoning packages.  
108063. Ministerul Industriei Constructiilor De Masini. Machine for crumpling metallic chips.  
108064. Endo Laboratories Inc. Process for preparation 14-hydroxy dihydronormorphine 14-hydroxy dehydronormorphinone.  
108065. Asahi Kasei Kogyo Kabushiki Kaisha. Process for dyeing cellulosic fibers.  
108066. Albright & Wilson (Australia) Limited. Method for obtaining solids from aqueous solutions and apparatus therefor. (22nd November 1965).  
108067. Rohm and Haas Company. Thermosettable copolymers.  
108068. American Flange & Manufacturing Co. Inc. Gasketing apparatus.  
108069. H. F. A. Topsoc. Reactor for carrying out reactions in a gaseous phase by heterogeneous catalysis.  
108070. Rockwell-Standard Corporation. Traction equalizer.  
108071. Roussel-Uclaf. Process for the preparation of trans-chrysanthemide acid and derivatives thereof. [Divisional date 24th May 1965].  
108072. Aktiebolaget Svenska Flaktfabriken. A cyclonic separator.  
108073. Aktiebolaget Svenska Flaktfabriken. A valve for supplied or exhausted room air.  
108074. Aktiebolaget Svenska Flaktfabriken. A fire and pressure-proof assembly of building elements.  
108075. Union Carbide Corporation. Improved composite electrical conductor. [Addition to No. 95064.]

108076. The British Petroleum Company Limited. Process for the refining of waxes.
108077. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (24th November 1965).
108078. R. M. Arora. Improvements in or relating to laboratory apparatus.
108079. American Machine & Foundry Company. Welding by high frequency current penetration.
108080. H. S. Gandhi, H. S. Gandhi, K. S. Gandhi, B. S. Gandhi and Mrs. Kaachanben Shantilal Gandhi. Rotary plugging switch.  
*The 22nd November 1966*
108081. Council of Scientific and Industrial Research. Refractory ramming, plastering and patching mixes consisting of kyanite and methods of making and using the same.
108082. J. B. Deshmukh. Dividing head used for 'gear-cutting'.
108083. Drever Company. Apparatus for quenching metal plates.
108084. American Cyanamid Company. Reaction process for modification of high molecular weight polymers.
108085. Siemens Aktiengesellschaft. Improvements in or relating to multi-channel single-sideband carrier-frequency communication systems. (23rd May 1966).
108086. Institut olementoorganicheskikh soedinyeniy ul. Vavilova 14 Moscow, USSR. Synthetic granular caviar and a method for its preparation.
108087. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A card flat stripper.
108088. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A casting for flats of garding machines.
108089. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A card.
108090. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A card.
108091. Trest "CHAI-GRUSIA" Installation for and method of heat treatment of tea leaf.
108092. Vsesojuzny Nauchno-Issledovatel'skiy Institut metodik i Tekhniki razvedki. Apparatus for radio-wave examination of rocks.
108093. Moskovsky geologo-razvedochny Institut imeni S. Ordzhonikidze prospekt Marxa. A probe to sets for geoelectrical prospecting.
108094. Fichtel & Sachs A. G. Schweinfurt am Main. Clutch disc with vibration damper.
108095. Fichtel & Sachs A. G. Schweinfurt, Main/Deutschland. Clutch disc with several vibration—damper arranged in serials.
108096. W. Krause, H. Krause, and D. Rosenkranz. Method and apparatus for continuously treating threads and yarns.
108097. Ljuberetsky ordena Lenina i ordena Trudovogo Krasnogo znamenija zavod sel'skokhozyajstvennogo mashinostroyeniya imeni Ukhtem'skogo, Ljubertsy Moskovskaya oblast, U.S.S.R. Agricultural crop separating device.
108098. Spetsialnoe Konstruktorskoe Bjuro Chesalnykh Mashin. A card.
108099. Standard Telephones and Cables Limited. Method and apparatus for manufacturing telecommunication cables. (23rd November 1965).
108100. Standard Telephones and Cables Limited. Method of manufacturing an insulated electrical conductor. (23rd November 1965).
108101. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
108102. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Metal-free seed treating agents. [Addition to No. 97165].
108103. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonyl-ureas and process for their manufacture.
108104. Nippon Kakoh Seishi K. K. Method for treating a polymer film to give opacity thereto.
108105. Etablissements Merlin & Gerin, Societe Anonyme. Motor operated control device for electric switches comprising a rocking control.
108106. Dunlop Rubber Company Limited. Improvements in or relating to electrostatic flock coating.
108107. Murata Machinery Ltd. and Toyo Boseki Kabushiki Kaisha. An automatic doffing apparatus of automatic winder.
108108. Friden Inc. Letter mail handling machine and method.
108109. The Norwich Pharmacal Company. Novel chemical compounds.  
*The 23rd November 1966*
108110. Veb Kombinat "Otto Grotewohl. Process for the thermic refining of lignite tars.
108111. P. J. S. Bassi. Multi layer fluorescent tube.
108112. Philips Petroleum Company. Method and apparatus for producing carbon black.
108113. Phillips Petroleum Company. Process and apparatus for continuous production of slush of liquid containing frozen particles.
108114. Massey-Ferguson Inc. Powershift Transmission.
108115. R. M. Lisnyansky. Method of and arrangement for controlling the power of multiphase electric arc furnaces.
108116. Johnson & Johnson. Disproportionated rosin.
108117. General Electric Company. Process and system for reducing the time-delay of magnesium cells.
108118. Hooker Chemical Corporation. Operation of chlor-alkali cells and anolyte liquid level control.
108119. Molins Machine Company Limited. Improvements in turning apparatus. (23rd November 1965).
108120. James A. Jobling & Company Limited. Improvements in or relating to grinding machines. (29th November 1965).
108121. J. R. Geigy A. G. Process for the production of new azepine derivatives.
108122. United States Rubber Company. Improvements in "Oligomers".
108123. United States Rubber Company. Improvements in emulsion polymerization.
108124. United States Rubber Company. Emulsion polymerization.
108125. United States Rubber Company. Improvements in coating compositions and coated articles.
108126. United States Steel Corporation. Apparatus for degassing molten metal during teeming.
108127. Marathon Oil Company. Oil recovery process utilizing liquefied petroleum gases and heavier hydrocarbons.  
*The 24th November 1966*
108128. Standard Pharmaceuticals Limited. Improved device for print coding the strips of foils for packing medicinal tablets capsules and the like.
108129. Ciba Limited. Manufacture of 2, 3-dihydrobenzofurans.
108130. Ciba Limited. Manufacture of pyrazolylhydrazides.
108131. Ciba Limited. Manufacture of N-pyrimidinylmethylformamides.
108132. Ciba Limited. Manufacture of 3-quinolinecarboxylic acids.
108133. H. Kenmore. Removing heat scale from wire and similar strip material.
108134. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel pharmaceutical compositions and process for the manufacture thereof.
108135. J. Stone & Company (Deptford) Limited. Improvements relating to the excitation of dynamo-electric machines. (3rd December 1965).
108136. Societa Farmaceutici Italia. Process for the preparation of 3-(2'-chloroethoxy)-17- $\alpha$ -ethynyl-17 $\beta$ -hydroxy 1, 3, 5 (10) —Estratriene.
108137. Hitachi Ltd. Resistance-type on load tap changer.
108138. Rex Asbestwerke Graf von Rex K. G. A process for making coherent asbestos structures from asbestos dispersions.
108139. Chas. Pfizer & Co. Inc. Tetracycline recovery process.
108140. Dunlop Rubber Company Limited. Method of bonding (7th December 1965).
108141. The Goodyear Tire & Rubber Company. Improvements in tire building machine.
108142. Jervis B. Webb Company. Stop for conveyor carriers.
108143. United States Steel Corporation. Method and apparatus for vaporizing metal.
108144. D. K. Heiman. Cutting fluid.

The 25th November 1966

108145. Council of Scientific and Industrial Research. A device for intra-ovarian injection in large animals.
108146. Promode Kumar Dass. Improvements in and relating to a portable coal-oven i.e. a receptacle adapted to receive coal to be burned therein, or the like appliances for heating and cooking purposes.
108147. Fosco International Limited. Refractory dressings. (26th November 1965).
108148. G. Baudot. Process for the manufacture of soluble powders from crops of the oily variety.
108149. Zakłady Mechaniczne "Ursus". Hitch arrangements, especially for agricultural tractors.
108150. Bialskie Zakłady Urządzeń Technicznych. Device for limiting the hoisting capacity of power-driven machines, especially of cranes.
108151. Ciba Limited. Pesticides.
108152. Agripat S. A. Process and composition for the control of weeds in grain fields.
108153. J. R. Geigy A.G. Process for the production of new tricyclic amines.
108154. Canadian Industries Limited. Modified polyesters. (29th November 1965).
108155. National Research Development Corporation. Improvements relating to insecticidal compounds. (9th December 1965).
108156. National Research Development Corporation. Improvements relating to insecticidal compounds. (23rd August 1966).
108157. C.A.V. Limited. Regulators.
108158. Aerpat A.G. Improvements in or relating to blind hole fasteners. [Divisional date 2nd June 1965].
108159. United States Rubber Company. Improvements in manufacture of polymer rolls.
108160. Inter-Taylor A.G. Artificial material for use together with a priming lacquer for the production of artificial finger nails and/or toe nails or nail additions.
98592. The claim to priority date 24th March 1964 has been abandoned and the application dated as of 23rd March 1965, the date of filing in India.
107106. Ante-dated to 11th February 1965 under Section 5 of the Act.
107237. Ante-dated to 27th January 1965 under Section 5 of the Act.
- Alteration of dates**
97590. Plessey-Uk Limited. Improvements in or relating to automatic regulating valves. (15th April 1964). Accepted on 25th October 1966.
- Wherein the valve piston has two skirts of different diameters, each cooperating with a complementary cylinder surface of the valve housing one skirt sealing the pressure upstream of the valve from a chamber under downstream pressure and the other to seal that chamber from another chamber connected to atmosphere and wherein at least one of the cooperating cylinder surface of the first skirt and the valve housing is provided with circumferential grooves.*
97643. Hewitt-Robins International S.A. Material handling systems including mining gathering and conveying machines. Accepted on 27th October 1966.
- Conveying means on the bridging device has a discharge end in material transfer relationship with the relatively fixed conveyor, bridging device comprises relatively adjustable conveyor units associated by material transferring means,*
97671. Asriel Osdor. Demineralization of liquid solutions. Accepted on 29th October 1966.
- The raw liquid solution is heated to the phase separation temperature at a first presence by passing the liquid solution in heat exchange relationship with a first fluid in the form of gas and then with a second fluid.*
97675. Rexall Drug and Chemical Company. Novel polymerization catalysts and polymerization process employing the same. Accepted on 31st October 1966.
- Comprising the steps (a) partially reducing a transition metal tetra-halide with a metal reducing agent (b) recovering solids from the reaction mixture thereof, (c) washing the recovered solids and (d) activating those.*
97678. Imperial Chemical Industries Limited. Pesticidal compositions containing new Organo-phosphorous compounds. (7th February 1964). Accepted on 31st October 1966.
- Pesticidal compositions comprise alactone compound in admixture with a solid diluent or in admixture with a surface active agent or in admixture with water in the presence of a surface active agent.*
97818. G. E. Daniels. Earth Scraper. Accepted on 9th November 1966.
- Including a body portion comprising a receptacle, ground engaging wheels for the body, a first blade, an apron marble between closed and open positions a second blade supported by the apron, and means on the open for moving the second blade.*
97822. Index-Werke Kg. Hahn & Tessky of Esslingen/Neckar, Hydraulic drive control for machine tools. Accepted on 9th November 1966.
- Control device is provided with a cylinder the first chamber of which is connected to the first chamber of the cylinder aggregate.*
97896. Rexall Drug and Chemical Company. Process for polymerization of ethylene in the presence of an initiator. (14th February 1964). Accepted on 14th November 1966.
- Injecting at pressure greater than in reaction initiator dissolved in liquid into reactor zone maintained at pressure of at least 7500 PSI and controlling volume of initiator liquid injecting to sensed periodic pressure changes in reactor zone.*
97906. Allied Chemical Corporation. Method for decomposing ammonium carbamate. Accepted on 14th November 1966.
- The method for decomposing ammonium carbamate and separating vaporous ammonia and carbon dioxide from the essentially liquid mixture including urea, carbamate, ammonia and water.*
97913. Hokuetsu Kogyo Kabushiki Kaisha. Automatic release valve for discharge pressure in sliding-vane-type oil-cooling rotary compressor. Accepted on 15th November 1966.
- Providing an automatic release valve capable to release the discharge pressure automatically to prevent oil accumulation in the gas cylinder when the sliding-vane type oil-cooling rotary compressor.*
97935. Dunlop Rubber Company Limited. Improvements relating to flexible sheet materials. (27th February 1964). Accepted on 15th November 1966.
- Comprising a main body of sheet material and at least one surface of said main body of sheet material having consisting at least in part of cellular particulars which are collapsible merely on compression.*
97938. Plasticisers Limited. Improvements in or relating to yarn, cord and twine. (16th March 1964). Accepted on 15th November 1966.
- Consists of a twisted longitudinally oriented strip, tube or sheet formed from film forming polyalkylenes or a mixture of incompatible film forming polymers.*
97946. Bayerisches Leichtmetallwerk Graf Blucher von Wahlstatt K.G. Method of armouring valve cones. Accepted on 15th November 1966.
- A round shaped body of armouring material being used which is joined to the valve head by electric resistance welding the shaped body of armouring material being placed with substantially linear contact upon the valve head, the peripheral area of which prior to the welding process has been constructed as a solid of revolution.*
97960. The Dow Chemical Company. Alkenyl aromatic resin compositions. Accepted on 16th November 1966.
- Comprises alkenyl aromatic resin, a light stabilizing mixture, a phenolic antioxidant and a phosphite antioxidant,*

97969. Rexall Drug and Chemical Company. Process for polymerizing ethylenically unsaturated monomers. Accepted on 16th November 1966.  
*Comprises polymerizing at least one ethylenically unsaturated monomer in a medium of fluorinated organic carbon compound.*
97980. O. P. Tanti. Transition type couplers for railway vehicles. [Addition to No. 95906]. Accepted on 17th November 1966.  
*Modification of the transition type coupler as proposed in specification No. 95906 characterised in that the head at the end of the clevis shank being provided on its cooperating surface with a ridge having a contour which cooperates with the knuckle and pushes and kilks it into locked position.*
97996. Automated Building Components, Inc. Connectors wooden joints and methods of fabricating. Accepted on 18th November 1966.  
*Comprising a sheet metal plate having rows of slender elongated nail like teeth struck therefrom and extending from the plate substantially parallel to one another, said teeth having a length at least six times the thickness of the plate and terminating in pointed end.*
98041. Walton Harper Marshall, JR. Improved ammonia synthesis gas process. Accepted on 9th November 1966.  
*By the steps of primary catalytic reforming the hydrocarbons with steam, secondary catalytic reforming with air the product of primary reforming, shift conversion of the product secondary reforming, cooling the product of shift conversion to condense the steam therein and separate it from synthesis gas.*
98056. Aktiebolaget Bofors. Low-pass filtering circuit for a signal amplitude modulated on a carrier wave. Accepted on 22nd November 1966.  
*Comprising an input terminal, a demodulator a high pass filter, a modulator and signal subtracting device.*
98073. O. P. Tanti. Transition type couplers for railway vehicles. [Addition to No. 97980 which is addition to 95906]. Accepted on 17th November 1966.  
*Modification of the coupler proposed in specification No. 95906, characterised in that the bearing surface of the shank of the clevis is recessed so that it holds the bow shackle to constrict its angular movement.*
98074. Stamicarbon N. V. Ionogenic polymerization of lactams. Accepted on 17th November 1966.  
*Comprises carrying out the polymerization reaction in presence of a promoter like *t*-octyloxy-*t*-butyne.*
98076. Preload International Inc. Prestressed concrete structures. Accepted on 23rd November 1966.  
*Comprising an annular wall, a series of convolutions of high tensile strength tendons wrapped under tension about the outer surface of the wall and a plastic coating applied each tendon before wrapping the tendon around the wall.*
98077. United States Steel Corporation. Method and apparatus for bending a casting having a liquid core. Accepted on 23rd November 1966.  
*Comprising a discharge opening at the bottom and cooled mould surface, initially closing the discharge opening by means of a starter bar and it becomes connected to a casting having a liquid core.*
98085. Telehoist Limited. Improvements in or relating to hydraulic ram assemblies. Accepted on 23rd November 1966.  
*Having a storage reservoir which surrounds the ram body, a resilient annular sealing ring at each end of the reservoir and retaining means to locate the reservoir axially of the ram body.*
98086. Telehoist Limited. Improvements in or relating to hydraulic ram assemblies. Accepted on 23rd November 1966.  
*Having a cylinder within which a ram slides and having a return duct for hydraulic fluid in the form of a tube having a port or ports which is/are uncovered as the ram reaches the end of its outward stroke.*
98108. Bengal Industrial Agency. A device for the use in an internal combustion engine to prevent carbon deposit and wastage of fuel. Accepted on 17th November 1966.  
*A device comprising a valve housing with non return valve which is connected to a breather pipe whose free end is exposed to the atmosphere while the valve housing is connected to exhaust manifold.*
98120. Anandji Haridas & Co. (P) Ltd. A multi-purpose bus station wagon-cum-delivery van-cum-caravan on a jeep chassis. Accepted on 13th November 1966.  
*Comprising spring loaded rollers adapted to receive and clamp arrow head shaped wedges attached to the base, U-shaped construction.*
98129. S. H. Gursahani. Cosmetic compositions containing aliphatic compounds mild to the skin. Accepted on 17th November 1966.  
*Cosmetic compositions containing aliphatic compounds mild to the skin and other known cosmetic ingredients.*
98141. Council of Scientific and Industrial Research. Some new vapour phase inhibitors of corrosion for mild steel, copper, brass and aluminium. Accepted on 21st November 1966.  
*Consisting in keeping the inhibitor as a pack with an outlet for vapour to escape within the storage space of metals or protecting the metals by packaging in paper impregnated with the VPIs or protecting the metals by spraying with VPI suspension in acetone.*
98150. Council of Scientific and Industrial Research. A process for synthetic fibre from neem cake. Accepted on 19th November 1966.  
*Comprises (i) suspending neem cake in caustic soda solution and precipitating the proteins with sulphuric acid, (ii) modifying the proteins by adding a surface active agent to the process, (iii) forming the fibres and hardening them with formaldehyde and *p*-benzoquinone.*
98151. Council of Scientific and Industrial Research. Improved latch arrangement. Accepted on 18th November 1966.  
*Comprising a sliden staple having a larger diameter shoulder which is adapted to sink in a countersunk portion in the door, and a smaller end which runs into the hole in the door.*
98164. Allied Chemical Corporation. Process for the preparation of chloroformyl-carbocyclic compounds and process for heat sealing films using compounds obtained thereby. Accepted on 16th November 1966.  
*Chlorinating *l*-chloro-2-methoxy-hexafluorocyclopent-1-ene in presence of actinic radiations at 70°C.*
98167. J. R. Giegy A. G. Synthetic lubricants containing antioxidants. (29th February 1964). Accepted on 22nd November 1966.  
*A composition comprises a synthetic lubricant and an antioxidant, a monotertiary alkyl heterocyclic compound.*
98221. Stamicarbon N. V. Ionogenic polymerization of lactams. Accepted on 17th November 1966.  
*Lactam is subjected to ionogenic polymerisation in the presence of a spiro compound as a promoter.*
98226. Imperial Chemical Industries Limited. Preparation of acrylic polymer solutions. (13th March 1964). Accepted on 17th November 1966.  
*Polymerising monomer in organic liquid in which it is soluble but resulting polymer is insoluble, in presence of stabiliser having constituent which becomes associated with polymer particles and pendent chair-like constituent which solvates in organic liquid.*
98232. N. V. Philips Gloeilampenfabriek. Improvements in or relating to electrical devices such as an electric lamp, and the method of manufacturing the same. Accepted on 18th November 1966.  
*Comprising at least an envelope and current supply wires wherein at least one current supply wire is connected to a internal member, fixedly connected to the envelope.*
98251. Inpower Works (Proprietary) Limited. Hydraulic fluid torque transmitter. Accepted on 18th November 1966.  
*Comprising a carrier rotatable about its axis, a drum around the carrier, the drum having at least two compartments, at least one planet wheel on the carrier, torque generating element in at least one of the compartments connected to the planet wheel, a sun wheel, drive means between the planet and sun wheels and pump means connected to the planet wheel.*
98293. Foundation for Medical Technology. Miniature staple manufacture and loading. Accepted on 23rd November 1966.  
*Wherein a piece of predetermined length is cut off from a thin wire, then formed into a U-shape having a central portion of predetermined length and two legs, whereafter each leg is chamfered at a predetermined angle symmetrically to the other leg, the points of the chamfers being on the inside of said U-shape.*

98300. R. Chelminski and R. L. Somerville process for the production of phosphoric acid and gypsum crystals. Accepted on 21st November 1966.  
*Comprises forming a slurry of calcium sulphate hemihydrate crystals in phosphoric acid mixture and producing a concentrated phosphoric acid product, separating and withdrawing the phosphoric acid product, admixing hemihydrate crystals with a second mixture of dilute phosphoric acid and sulphuric acid, redissolving hemihydrate crystals in the mixture and precipitating gypsum crystals.*
98318. Dow Corning Corporation. A process for polymerising organosilicon compounds. [Addition to No. 93160]. Accepted on 17th November 1966.  
*Polymerising an organosilane in the presence of a catalyst of the formula  $R'OSO\cdot OH$  wherein  $R'$  is a monovalent aliphatic hydrocarbon radical.*
98352. Gulf Research & Development Company. Process for preparing a keto polycarboxylic acid and the corresponding anhydride. Accepted on 17th November 1966.  
*Comprising oxidising a 1, 1, bis [3, 4-dialkyl-phenyl] alkane with nitric acid and recovering keto polycarboxylic acid after separation of benzophenone-3, 4, 3', 4'-tetracarboxylic acid.*
98368. American Flange & Manufacturing Co. Inc. Apparatus for lining container closures. Accepted on 21st November 1966.  
*Comprising a machine having a top portion providing a flat surface means for feeding the closures along it, and a circular vacuum chuck member in the top portion for holding the closures during its lining by a nozzle positioned axially above said chuck.*
98393. W. H. Gallogly. Toilet valve. Accepted on 23rd November 1966.  
*Comprising a first chamber formed adjacent one surface of a diaphragm, an inlet adjacent the opposite surface of the diaphragm, an outlet spaced from the inlet, the inlet being connected to the first chamber, a second chamber connected to the first chamber, and a float-operated valve between the second chamber and the outlet.*
98479. Stamiecarbon N. V. Process of preparing water-soluble orthophosphates. Accepted on 1st November 1966.  
*Comprises decomposing phosphate rock with nitric acid, extracting resulting decomposition liquor, phosphoric acid and nitric acid with a polar organic solvent so that nitrate dissolved in the aqueous phase is converted with the phosphoric acid contained therein to form soluble primary calcium alkali or ammonium phosphate.*
98511. Shell Internationale Research Maatschappij N.V. A grease. Accepted on 19th November 1966.  
*Comprises a lubricating base oil gelled to grease consistency with a colloiddally dispersed clay that has acidic surface and bears on its surface a resin formed by reaction of an aldehyde with both aniline and a bis-arylamine like 4, 4'-methylene dianiline.*
98568. Ladoues and H.L. Tusan. Improvements in devices for the accurate and rapid centering and driving of a railway-car axle being machines on a so-called 'on-the-spot' re-shaping machine. Accepted on 19th November 1966.  
*Comprising a retractable frill, two pairs of drifting rollers, a pair of slides movable in two fixed guide member, means for subsequently centering, means for driving the centered axle and means permitting of utilising the driving effort.*
98592. J. R. Geigy A. G. Process for the production of 14-nitro-and 14-amino-benzonaphthindolizine-quinones. Accepted on 22nd November 1966.  
*Characterises reacting with nitric acid a benzonaphthindolizinequinone to yield the corresponding 14-nitro-compound and optionally reducing it to 14-amino compound.*
98606. Danly Machine Specialties, Inc. Automatic transfer mechanism for press line. Accepted on 19th November 1966.  
*Plurality of power presses each having a variable drive shaft and press slide reciprocated thereby, transfer means between the presses including transfer mechanisms at the input and output slides respectively of each of the presses.*
98623. Veb Scheremaschinenbau 'Heinrich Rau', Wilday, Wildau (Kreis Königs Wusterhausen). Valve controls for forging hammers. Accepted on 23rd November 1966.  
*Comprising a valve tapped, flange, floating pistons inlet openings tapped shoulders, valve pushing outlet appearing have been provided in the piston channels of the floating piston.*
98731. Itek Corporation. Data storage apparatus. Accepted on 18th November 1966.  
*Comprising in combination a data storage medium comprising photo conductor; means for uniformly deactivating the medium means for exposing the uniformly deactivated medium and means for developing the chemically.*
98733. Itek Corporation. Method and apparatus for data processing. Accepted on 21st November 1966.  
*Comprising means for recording data; means for reading the data; and comparing means.*
98734. Itek Corporation. Data converter. Accepted on 21st November 1966.  
*Comprising means for scanning a graph-carrying strip and means responsive to the signals.*
98736. Ministerul Industriei Petrolului Si Chimiei, Pumping installation for oil well. Accepted on 23rd November 1966.  
*Comprising two piston pumps, directly driven by an as synchronous, a synchronous electric motor, rectilinear shifting multilinear magnetic field mobile armature, hydraulic drive.*
98781. Allied Chemical Corporation. Process for the preparation of cyclohexane carboxylic acid. Accepted on 22nd November 1966.  
*Hydrogenating benzoic acid in the presence of a metal hydrogenation catalyst and water vapour.*
98917. Sperry Rand Corporation. Improvements in or relating to hydraulic power transmissions. Accepted on 9th October 1966.  
*Comprising an out let pressure conduit actuator means, pump control means, resilient means, valve means forming an enclosed chamber passage mean.*
98934. Allied Chemical Corporation. A process for preparing N' N'-Bis-(lower alkyl)-3, 4, 9, 10-terylene-tetracarboxylic acid dimides. Accepted on 19th November 1966.  
*3, 4, 9, 10-terylene-tetracarboxylic acid dimide is digested with alkali metal hydroxide and the resultant product neutralized and then heated with an alkylating agent.*
98950. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicidal Mixtures. Accepted on 23rd November 1966.  
*Comprising from 0.1 to 50% of 2, 4-dioxotetrahydro-quinazolines in admixture with a carrier.*
99002. Head, Wrightson & Company Limited Improvements relating to the dry-cleaning of large or small coal or other particulate materials containing components of different specific gravities. (30th April 1964). Accepted on 14th October 1966.  
*Comprising a fluidised bed of particles, vibratory fluidising vessel, a gas pervious support, supply means vibrating means, extractor means, cleaning zone, discharge zone.*
99123. J. R. Geigy A. G. Process for the production of benzo-[g] naphth (2, 3-b)-indolizine-8, 13-dione-14-carboxyarylamide pigments suitable for dyeing or pigmenting organic polymers. (16th April 1964). Accepted on 15th October 1966.  
*Reacting benzo-[g] naphth-(2, 3-b)-indolizine-8, 13-dione-14-carboxylic acid halide with aryamine.*
99030. Borg-Warner Corporation. Friction device employing weal compensating means. Accepted on 15th October 1966.  
*Comprising means having inter-engageable friction elements, means effective to actuate said friction element, compensating mean coaxial member.*
99036. Champion Spark Plug Company. Spark plug. Accepted on 17th October 1966.  
*Comprising a tubular metal shell a shoulder, metallic pressure sealing surface ceramic insulator body, flanged portion annular pocket resilient gas sealing mean.*
99100. National Distillers and Chemical Corporation. High impact poly-tyrenes. Accepted on 25th October 1966.  
*Comprising a blend of (1) a polystyrene type resin, (2) a synthetic elastomer and (3) a composition produced by the steps of polymerising in the presence of an alfin catalyst a composition of conjugated hydrocarbon diene and monovinyl aromatic hydrocarbons.*

99121. Shell Internationale Research Maatschappij N. V. An additive composition for inhibiting the growth of crystals and a grease containing said composition. Accepted on 25th October 1966.  
*Comprising normally crystalline substance and oleophilic clay.*
99138. J. Mullin and Y. Lal. Improvements in or relating to a safety fuse. Accepted on 25th October 1966.  
*Comprising a semi-fuse rod consisting of a core gunpowder enclosed in protecting media and a seamless plastic covering surrounded by at least one more layer of protecting medium.*
99183. Worthington Corporation. Refrigeration apparatus. Accepted on 19th November 1966.  
*Including a compression means, a condenser, and a plurality of evaporators connected in a closed circuit carrying a refrigerant, the compression means including a compressor having a first compression stage and a second compression stage and means interconnecting these stages.*
99270. J. R. Geigy A. G. Process for the pigmenting of organic polymers and polymers thus pigmented. Accepted on 29th October 1966.  
*Incorporating an isoindolines compound into organic polymers.*
99317. The Goodyear Tire & Rubber Company. Improvements in polymerization of conjugated diolefins. Accepted on 3rd November 1966.  
*Catalytically polymerising at least one conjugated diolefin in which the catalyst comprises (a) titanium tetrachloride (b) at least one organo aluminum compound and (c) carbon disulfide.*
99319. The English Electric Company Limited. Improvements in fastening for closure devices. (6th May 1964). Accepted on 24th November 1966.  
*A fastener comprising a lever pivotally connected adjacent to one end to a frame and moved between first position, outstanding from the said frame and a second position alongside the frame.*
99349. Ananda Bazar-Patrika (Private) Limited. A type point for bengali script. Accepted on 4th November 1966.  
*In which diacritical marks are shaped to be accommodated on the body itself.*
99356. Shell Internationale Research Maatschappij N. V. Lubricate composition, and an additive composition for a lubricating oil. Accepted on 4th November 1966.  
*Comprising a cyclic amine and an salt formed of an aliphatic amine and a halo-C<sub>1-4</sub> alkyl phosphoric acid.*
99415. Standard Telephones and Cables Limited. Methods of depositing solid layers of material on a substrate. Accepted on 7th November 1966.  
*Comprising establishing a plasma adjacent to the surface of a substrate in an atmosphere containing as gaseous compounds an element or an inorganic compound.*
99423. E. I. du Pont de Nemours and Company. Process for producing tetra alkyl lead compound. Accepted on 10th November 1966.  
*Having a lead cathode, an anode of a material which is resistant to attack by halogens and a current-permeable partition separating the catholyte from the anolyte.*
99430. Giddings & Lewis-Fraser Ltd. Improvements relating to apparatus for carding fibrous materials. (28th May 1964). Accepted on 9th November 1966.  
*A device including pinned feed roller, a pinned cylinder in close proximity to the roller to define a nip therewith and adapted to pick up the material fed by the roller a guide member the leading end of which extends into the nip defined between the roller and the cylinder, a mounting for the guide member the leading end of the guide member terminating in a bulbous protrusion and the face of said guide member leading to the bulbous protrusion and facing the pinned cylinder defining a throat with the pinned cylinder this throat diverging towards the bulbous protrusion.*
99443. Aktiebolaget Svenska Flaktfabriken. Louver shutter. Accepted on 10th November 1966.  
*Each damper is formed with a rigid blade one side of the shaft and with a resilient blade on the opposite side, and the actuating mechanism is made to rotate the damper shafts to a position to bring the edges of the blades into contact engagement.*
99457. M. C. Mistry and R. C. Mistry. Improvement in the manufacture of high speed tubular stranding machines for wire ropes. Accepted on 10th November 1966.  
*Comprising a rotatable tube which is nozzle shaped at one end within the tube are mounted a series of credles carrying a set of spools, stranding wires round on the spools, a supply drum outside the rotatable tube for feeding the central wire and means (or rotally mounting the tube and a draw drum).*
99463. F. F. Erdelyi. A method of producing by rolling, toothings on cylindrical rotary bodies of all kinds. Accepted on 14th November 1966.  
*Characterized in that toothing originates from a basic profile which is devoid of edges and is applied to the surface in the form of a spiral line in the form of a counter involute calculated from tooth spaces.*
99464. Phillips Petroleum Company. Improvement in manufacture of furnace carbon black. Accepted on 14th November 1966.  
*Process making furnace carbon black in a reactor, comprising subjecting a carbonaceous feed material to carbon black producing temperature in a reactor at desired pressure wherein pressure is maintained constant.*
99482. Con-Gas Service Corporation. Method and apparatus for the production of a mixture of hydrogen and steam. Accepted on 14th November 1966.  
*Comprising reacting steam and air with carbonaceous materials to produce producer gas, reducing Fe<sub>3</sub>O<sub>4</sub> with producer gas to Fe<sub>2</sub>O<sub>3</sub> and metallic iron and reacting Fe<sub>2</sub>O<sub>3</sub> and iron with steam to produce a mixture of hydrogen and unreacted steam.*
99494. Canadian Industries Limited. Treatment of polyethylene surface with a corona discharge. (19th May 1964). [Addition to No. 96438]. Accepted on 14th November 1966.  
*Comprising in that an elongated electrical discharged is formed between two electrically conducted electrodes, the discharge traversing a gaseous medium only.*
99495. Imperial Chemical Industries Limited. Process for manufacture of pigment compositions for the pigmentation of organic materials. [Addition to No. 87770]. Accepted on 14th November 1966.  
*Producing an intimate mixture of an inorganic pigment and a resinous substance and biating the mixture in such a way as to soften the resinous substance and then harden it.*
99500. International Telephone and Telegraph Corporation. Ferromagnetic materials and their process of manufacture. Accepted on 14th November 1966.  
*Process producing magnetic compound [TO (NH)] M, nNH<sub>3</sub> wherein T is trivalent, M is monovalent cation, D is divalent cation, and n is integer where liquid ammonia is caused to react with oxyhalogenide in the presence of M or D and eliminating latter.*
99501. Davidson & Co. Limited. Improvements in or relating to apparatus for processing tea leaf. Accepted on 14th November 1966.  
*Comprising two discs mounted adjacent each other in axial alignment, with axis vertical one of discs being stationary and the other rotatable, the adjacent faces of the discs being provided with, ribs, vanes or like and Co-acting with each other.*
99507. Borg-Warner Corporation. Improvements in and relating to clutch linkage systems. Accepted on 14th November 1966.  
*Comprising a driving member, a pressure plate, cover plate, clutch release levers operatively associated with said driving member, a driven member interposed between said pressure plate and said driving member having friction material thereon and a clutch release bearing axially shiftable with respect to said driving member.*
99527. The Metal Box Company Limited. Improvements in or relating to dispensing containers. (19th January 1965). Accepted on 27th October 1966.  
*Comprising an outer component made of synthetic thermoplastic material and an inner component made of synthetic thermoplastic material.*
99529. Rheinstahl Henschel-Aktiengesellschaft. Improvements in or relating to rail vehicle bogies. Accepted on 23rd November 1966.  
*One or both outer axles is or are connected to the respective neighbouring axle or next axle but one to form a bogie frame,*



99537. Joseph Lucas (Industries) Limited. Method of manufacturing porous metal plates. Accepted on 15th November 1966.

*Comprising mixing powdered metal with a powdered filler when heated will have a reducing effect on any metal oxide present, comprising the metal and filler to form a plate and heading the plate to reduce any metal oxide present and removing the filler.*

99542. Westinghouse Electric Corporation. Magnetic blow-out lightning arrester gap. Accepted on 17th November 1966.

*Comprising a stack of insulating plates, a pair of gap electrodes having an arcing surface with a first and second portion, in a space formed between each two adjacent ones of said plates, the first portion having a sparkover gap and means for establishing magnetic field force thereby to lengthen the arcs.*

99550. The Lubrizol Corporation. Degraded interpolymer of ethylene and propylene, process for its preparation and hydrocarbon fuel oil compositions containing the same. Accepted on 17th November 1966.

*Bubbling oxygen through composition of from 5-40% by weight of interpolymer of ethylene and propylene of 50,000 to 800,000 mol. weight and 60-95% by weight of solvent at 100°C to reduce mol. weight to 3000.*

99553. Dunlop Rubber Company Limited. Method of joining two or more sheets of a fully cross-linked polyurethane composition and the product so obtained. (28th May 1964). Accepted on 17th November 1966.

*Assembling the Sheets in over lapping or abutting relationship at the position of the desired joint and applying the electrodes of a dielectric welding machine to the position of the joint and passing a high frequency electric current between the electrodes.*

99557. Monindra Nath Sanyal, Karunananda Acharya and Badyanath Neogy. Infinitely variable speed control device. Accepted on 17th November 1966.

*Comprising a hollow frustrum of a conical member and a hollow cylindrical member, conical member being serrated.*

99558. Ateliers G.S.P. (Guillemin, Sergot, Pegard). Improvements in or relating to hydraulic device for controlling the movements of a movable machine tool element. Accepted on 17th November 1966.

*The chambers of the hydraulic jack are each connected respectively to each piping system of the pump, each piping system comprising two conduits in parallel connection it to a fluid tank.*

99562. Karl Eickmann. A hydraulically operated fluid borne vehicle. Accepted on 18th November 1966.

*Having a fluid flow producing means for driving a plurality of propeller by hydraulic motors with substantial proportional rotary or angular velocity, the flow causes the hydraulic motors to revolve relatively to each other with proportional angular velocity.*

99564. Westinghouse Electric Corporation. Resinous composition and its application for the production of fire-resistant paper base resinous laminates. Accepted on 18th November 1966.

*Impregnating sheet paper material with a resin composition containing 25%—75% of brominated bisphenol-epichlorohydrin epoxide and 75%—25% of bisphenol epichlorohydrine epoxide, 20—30% of halogenated anhydride (based on the weight of resin composition) and upto 20% of antimony trioxide (based on the weight of resin composition driving impregnated sheet material in over stacking the plurality of impregnated sheets and consolidating thereunder heat and pressure.*

99567. Union Carbide Corporation. Process for producing polyethylene. [Addition to No. 79168]. Accepted on 18th November 1966.

*Contacting ethylene with catalyst complex comprising reaction product of poly (hydrocarbyl- aluminium oxide) and transition metal compound in presence of oligomer retardant like cyclo-hexadiene—1,3.*

99569. Union Corporation Limited. Improvements in and relating to thickeners such as for slimes, slurries, sludges and the like. Accepted on 18th November 1966.

*Thickener comprising settling tank and raking means rotating around a vertical axis draught element secured to the carrier arm, draught force applicable to draught element.*

99570. Dow Corning Corporation. Method of making coils having moulded insulation. Accepted on 18th November 1966.

*Comprising winding an electrical conductor into a coil, moulding silicone rubber around the coil, and bending them in such a manner so that two bend lies in the different plane.*

99571. Aktiebolaget Tudor. Lead-acid accumulator electrode and accumulator containing such electrode. Accepted on 18th November 1966.

*Lead alloy in the grid rods consists of pure lead at least at as to 99.9% the remaining 0.1% consisting of tellurium silver arsenic or mixtures thereof.*

99576. Ciba Limited. Photographic materials for the silver dyestuff bleaching process. Accepted on 18th November 1966.

*Wherein one layer of the photographic material contains at least one dyestuff litre 2:8:1-trihydroxy -6- amino-1:2'-agonaphtholene-3:6:4:8'-tetrasulphonic acid.*

99597. Phillips Petroleum Company. Process of polymerizing olefins, catalyst therefor and products obtained thereby. Accepted on 19th November 1966.

*Polymerising an aliphatic 1-olefin in the presence of a catalyst.*

99609. Owens-Illinois, Inc. Offset plate decorating method and apparatus. Accepted on 19th November 1966.

*Comprising the steps of supporting and guiding a plurality of offset plates for intermittent movement along an endless path, advancing plates in succession along path to at least one image application station, applying an image-shaped layer of electrically chargeable frit particles onto each of plates at image application station, advancing plates in succession along path from image application station to a transfer station, positioning a glass article at an elevated temperature at transfer station, electrically charging the image-shaped layer of frit articles on plates.*

99616. The Simplex Dairy Equipment Company Limited, and J. W. Tinley. Discharging material from storage means. (25th May 1964). Accepted on 21st November 1966.

*Comprising storage means, delivering means and discharge outlet.*

99621. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of crimpable filaments of synthetic linear polymers. Accepted on 19th November 1966.

*A process for the manufacture of three dimensionally crimpable filaments of at least two separate partial streams of a homogeneous melt of a linear polymer, wherein the partial streams of the melt conveyed to a common nozzle have different temperatures at least before entering the nozzle and the filaments pressed through the nozzle and drawn are further treated in a manner known per se.*

99622. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of insulating materials having low specific gravity. Accepted on 21st November 1966.

*Characterised in that the binder is a suspension of water-containing alkali metal silicate particles and inorganic fillers in aqueous solutions of alkali metal silicates and the mixture is solidified at temperature above 20°C and below the sintering temperature of the plastics particles.*

99633. Toyo Spinning Co. Ltd. Regenerate cellulose fibres and their production. Accepted on 21st November 1966.

*Extruding viscose through a spinneret into an acid path withdrawing the formed filaments and regenerating and stretching them.*

99634. Oldham & Son Limited. Improvements in or relating to batteries for miner's cap lamps. (22nd May 1964). Accepted on 21st November 1966.

*Comprising a casing containing two cells the cells have upwardly extending connection post for electrically connecting terminals at central zone of the lid and a removable cover to lead cable for connection to the terminals.*

99652. Tokyo Shibaura Electric Company Limited. Automatic braking system for trains. Accepted on 19th November 1966.

*Comprising a receiving means on train to receive signals from transmitters on railway track and logical circuit devices connected to the receiving means to actuates the braking device.*

99659. Pallard S.A. Device for producing four substantially sinusoidal voltages sequentially dephased with respect to each other by 90°. Accepted on 22nd November 1966.

*Comprising at least one source of furnishing four voltages dephased by 90° and four circuit fed respectively.*

99708. Marwin (Anstey) Limited. Improvements in or relating to rotary cutting tool holders. Accepted on 19th November 1966.  
*Comprising a recess formed in having an end face and further having grooved or slots, edges and which provide two surface contacts means for locating a cutting pit relative to the end face, one of the grooves on slots being provided in the holder and the other one of the grooves on slots in a split ring removable from the holder.*
99725. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Method and apparatus for the manufacture of alkali metal salts of aromatic hydroxy compounds. Accepted on 22nd November 1966.  
*Wherein the corresponding aromatic sulfonic acid in molten state is rapidly and intimately admixed with a liquid alkali metal hydroxide.*
99739. Algemene Kunstzijde Unie N.V. Improvements in or relating to the manufacture of threads and staple fibres of regenerated cellulose. Accepted on 22nd November 1966.  
*Comprises incorporating into the viscose an N-vinyl lactam polymer prior to spinning into a coagulating bath.*
99749. Dunlop Rubber Company Limited. Composite material. (13th June 1964). [Addition to No. 86677]. Accepted on 22nd November 1966.  
*Forming a layer of continuous synthetic textile fibres in a crimped condition, assembling this layer with a layer of staple textile fibres, moving a needling head carrying barbed needles and moving the assembly in relation to said needling head.*
99787. Societa Rhodiatoce S.p.A. Process for the separation of the adiponitrile, omega-cyanovaleamide and adipamide from mixtures coming from the reaction between adipic acid and ammonia. Accepted on 17th November 1966.  
*Treating the mixtures coming from the reaction of adipic acid and ammonia with an ammonia stream at normal pressure and temperature between 220° and 350° c.*
99794. Saunders Valve Company Limited. Means for sealing a spindle. (5th June 1964). Accepted on 22nd November 1966.  
*Tapered bushing of nylon or Ptfе reinforced with a filler and being urged radially against the spindle by a compressor having a tapered bore which fits on the bushing and is urged into closer contact with the bushing by spring means.*
99796. Sperry Rand Corporation. Tape Cleaner. Accepted on 17th November, 1966.  
*Characterized by the fact that it comprises a scraper unit having a relatively hand smooth surface for engagement with the tape and at least the archaic slot having a cutting edge and a non cutting edge disposed to contact said tape in a transverse direction during operation a chamber disposed adjacent said scraper unit for receiving particles removed from the tape by said cutting edge and means for providing a circulation of fluid in the said chamber for removing said particles from said chambers.*
99805. General Electric Company. Retainer for conductors in slots of a magnetic core structure. (11th August 1964). Accepted on 23rd November 1966.  
*Comprising a plurality of retaining member and spaced from conductors spring biasing means or insulating material plurality of rotatable plug.*
99833. Dunlop Rubber Company Limited. Improvements in flock-coating of articles. Accepted on 18th November 1966.  
*Comprising interpositioning an endless stencil, travelling with an adhesive coated base sheet between the flock discharging apparatus and box sheet to produce a predetermined flock coated pattern.*
99873. Club Aluminium Products Company. Detachable handle for a vessel. Accepted on 18th November 1966.  
*Said handle comprising a hand grasping portion, a fixed jaw, a movable jaw and manually operable lever means.*
99883. Owens-Corning Fiberglas Corporation. Composite structures. Accepted on 22nd November 1966.  
*Comprising a mass of mineral fibres, arranged in random open orientation with voids between fibres and passageways forming communication between voids, and discrete particles of an absorbent distributed through out the mass at least some of particles being larger than passageways.*
99900. Standard Telephones and Cables Limited. Method of manufacturing a body having crystalline layers and semiconductor devices having said bodies. (5th June 1964). Accepted on 17th November 1966.  
*Wherein prior to the epitaxial growth of a first crystalline layer on a surface of a second crystalline layer, the surface of the second layer is abraded by a stream of fluid-entrained particles.*
99935. Midland-Ross Corporation. Railway car truck or bogie. Accepted on 24th November 1966.  
*Comprising a side frame, a bolster resilient means supporting the bolster, guide means for the movement of the bolster and elongated members of the side frame and the lugs in the bolster to limit bolster movement in the direction of its longitudinal axis.*
99940. Milton Aaron Engle and Jack Wilson Raquet. Apparatus for detecting a body by radiation. Accepted on 22nd November 1966.  
*Comprising a radiation sensitive cell, a radiation absorptive device, and a telescope positioned adjacent the cell between the cell and said device, the optical axis of the telescope passing from the said device to the cell.*
99991. Stamicarbon N. V. Ionogenic polymerization of lactams. Accepted on 23rd November 1966.  
*Lactam or lactones are subjected to isogenic catalytic polymerisation in the presence of an unsaturated lactone as promoter.*
100002. Universal oil products company. Process for the separation of components of a fluid mixture using zeolites. Accepted on 23rd November 1966.  
*Characterizes by maintaining an association with the zeolite particles from about 0.5% to about 4% by weight of at least one polar substance selected from the group consisting of water, ammonia glycols amines and alcohols.*
100026. India Refractories Limited. Foamed refractories. Accepted on 23rd November 1966.  
*Comprises mixing refractory material with a foam, casting the mix so obtained into blocks and drying and firing said blocks in kilns.*
100036. Atlas Copco Aktiebolag. Improvements in rotary piston machines and cylinder housing for such machines. Accepted on 19th November 1966.  
*Comprising a cylinder casing with an end wall on either end and a sliding vane rotary body characterized by the combination of a preformed tubular body with at least two groups of inlet and out let ports and a separately preformed member of arcuate cross section affixed over the said tubular body.*
100055. ACF Industries, Incorporated. Submergible fluid controlling valves. Accepted on 16th November 1966.  
*Comprises a valve body, a valve member movable by power operated means between open and closed positions and a stem connected at one end to the valve body and the other end enclosed by a fluid receiving chamber.*
100073. Alimanna Svenska Elektriska Aktiebolaget. Device for inductive heating and/or stirring. Accepted on 17th November 1966.  
*One or several coils placed outside the ladle and a metallic casing surrounding the ladle characterized in that the coil at least during stirring is arranged to be fed with a current at a frequency which gives a depth of penetration in the casing material for the eddy current induced by the coil flux.*
100076. Western-Thomson Controls Limited. Improvements flow control valves. Accepted on 18th November 1966.  
*Comprising a conduit member having a flow passage with a valve seating, an abutment and an actuator engaged with the abutment.*
100091. Ledoga S.p.A. Process for the preparation of surfactants from hydroxylated organic compounds, fatty acid esters and alkylene oxides. Accepted on 17th November 1966.  
*Reacting one or more aliphatic or cyclo aliphatic mono or poly-hydroxylated organic substances one or more fatty acid esterified with one or more aliphatic mono or polyhydric alcohols and one or more alkaline oxides in the presence of an alkaline catalyst.*



100092. Ledoga S.p.A. Process for the preparation of surfactants from hydroxylated organic compounds, fatty acid esters and alkylene oxides. [Addition to No. 100091.] Accepted on 17th November 1966.
- Reacting one or more aliphatic or cyclo aliphatic mono- or poly-hydroxylated organic substances containing one or more nitrogenous groups, one or more fatty acids esterified with one or more aliphatic mono- or polyhydric alcohols and one or more allylene oxides in the presence of an alkaline catalyst.*
100220. Gemrich Industries. Improvements in or relating to plastic container. Accepted on 23rd November 1966.
- A plastic container wherein a polythene film tightly stretched over the bottom side of a ring shaped lid by means of a rubber ring placed with adhesive in a groove around the bottom side of the said lid acts as a protective seal for the container.*
100228. ACF Industries, Incorporated. Caburettors. Accepted on 9th November 1966.
- Comprising in combination a body structure having an air and fuel mixture conduit therethrough, a throttle valve mounted across said mixture conduit, an air valve mounted within said mixture conduit anteriorly of said throttle valve means for supplying fuel to said mixture conduit and a servomotor operatively connected to said air valve.*
100269. Merz and Mclellan Services Limited. Improvements relating to electric switchgear. (25th June 1964). Accepted on 9th November 1966.
- The invention relates to polyphase electric switchgear assembly, the equipment for each phase is accommodated in a different one of a number of spaces, which will be termed phase layers, situated one above the other and separated from each other by spaced horizontal planes, each phase including a number of circuit-breakers arranged in a row and each having its terminals spaced apart in a direction substantially perpendicular to the lines of the row a number of circuit outlets and at least on bus conductors capable of connecting two circuit breakers or two circuit outlets.*
100364. Siemen & Hirsch m.b.H. Improvements in or relating to centrifugal pumps. Accepted on 22nd November 1966.
- The diameter of the full-admission turbine being smaller than the diameter of the vane member or members of the side channel stage or stages.*
100357. Adam Elmer. Hydraulic accumulator. Accepted on 22nd November 1966.
- The resilient gas cushion being separated from the hydraulic fluid by means of a dividing wall of elastic rubber or rubber like wall, the said wall being provided at its bottom end with a heavy seal.*
100548. Dynamit Nobel Aktiengesellschaft. A process for the production of stereoregular vinylchloride polymers and copolymers. Accepted on 24th November 1966.
- Comprises carrying the polymerisation reaction under a shearing or grinding action.*
100558. Moskovsky Stankostroitel'ny Zavod "Krasny Proletary" Im A.I. Efremova. Apparatus for airless spraying of varnish paints. Accepted on 21st November 1966.
- In the body of the spraying device provision being made of ducts connecting a pressure pipeline with the circulation pipeline and being closed in the working position by the rod of shut-off pin.*
100579. Cable Belt Limited. Improvements in or relating to bunker conveyors. Accepted on 21st November 1966.
- Comprising a reversible plate mounted between upstanding side walls said belt comprising pivotally linked plate elements having shoe members resting on ropes and means for driving said ropes.*
100762. Worthington-Simpson Limited. Improvements relating to liquid pumping systems. (25th August 1964). Accepted on 24th November 1966.
- Comprising a pump, a vapour separating chamber connected to the inlet side of the pump, means for releasing gas or air and means for controlling the discharge.*
100786. E.M. Schaverien. A tap for fluid flow control (10th July 1964). Accepted on 21st November 1966.
- Tap for fluid flow control comprising a body, gear and worm means in said body operable to open and close the tap and locking means to hold said gear and worm means against movement until commencement of a subsequent tap-opening operation.*
100787. Eugene Aaron Magid. Method and apparatus for multi-decorating sheet material. Accepted on 24th November 1966.
- Comprising a patterned rotary in taglio roll end a rotary back-up roll, applying decorating materials, to said intaglio roll and passing a sheet to be decorated.*
100828. Vyzkumny Ustav Zuslehtovaci. Process and device for washing of textile materials in open width. Accepted on 23rd November 1966.
- Characterized in that the material is alternately coated from both sides by a film of washing liquid, always applied to the surface of the material coming to the guiding roller of small diameter and being directed over this roller, the film of the washing liquid being entrained through the action of friction, into the wedge like hollow formed by the adjacent surface of the material and the surface of the guiding roller, the liquid being pressed through the material by the additional effect of centrifugal force.*
100848. Sulzer Brothers Limited. Improvements in gripper shuttle looms. Accepted on 16th November 1966.
- Comprises a rotary storage device having winding fingers and one actuating lever carrying a weft thread guide and adapted to pivot in synchronism with picking.*
101069. A. Egli and F. Landolt. Closure for containers, in particular for tubes and bottles. Accepted on 21st November 1966.
- Between the container neck and a closure element rotatable thereon is established a fitting or seating spring that comprises a vertically directed end-by carrying a valve body.*
101214. Allied Chemical Corporation. Process for the preparation of bis (aminoaryl) methanes and methylenebis (arylisocyanates). Accepted on 22nd November 1966.
- Mixing an aromatic amine with formaldehyde in the presence of silica, silica alumina, or acid-treated alumina.*
101412. General Electric Company. Thimble seal for electric discharge devices. Accepted on 21st November 1966.
- Comprising a vitreous outer tube, a rod conductor extending through the tube, and a metal thimble encircling the rod.*
101454. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Pastes for ball-point pens. Accepted on 23rd November 1966.
- A phthalocyanine dyestuff is dissolved in combination with a known dyestuff base in benzyl alcohol or/and at least one higher glycol and the solution thus obtained is treated with synthetic resin soluble in benzyl alcohol or higher glycols.*
101467. Nippon Carbide Kogyo Kabushiki Kaisha. Electric reducing furnace. Accepted on 31st October 1966.
- Consisting of carbon electrodes, a furnace shell, a tapping hole, an integrated water-cooled seal wall, a cover, a charging pipe and a gas inducing hole.*
101669. Toyo Katsui Industries Inc. Treatment of urea synthesis effluent. Accepted on 18th November 1966.
- Feeding effluent through an ejector to reduce pressure thereof prior to feeding to high pressure distillation zone, aspirating in said ejector said gaseous mixture from low pressure distillation zone to increase pressure of said gaseous mixture and feed same with said effluent to said high pressure distillation zone for removal with said gaseous mixture from said high pressure distillation zone.*
101698. International Nickel Limited. Alloy steel. Accepted on 1st November 1966.
- Precipitation hardenable steel containing from 11.5 to 15.5% chromium, 9 to 12% Nickel, titanium 0.1 to 5% or niobium .05 to 1% from .05 to 1.6 aluminium, carbon upto 0.03, from 0 to 0.2% manganese and from 0 to 0.2% silicon, the balance being iron, and method of heat treating the same.*

- 102151 Eltra Corporation. Ignition and control system for a fluid fired apparatus. Accepted on 21st November 1966.

*Comprising a solid state controlled rectifier, the anode-cathode electrodes of it being connected across line of a power source a spark generating means operated by the rectifier and variable resistance thermister connected to the control electrode of the rectifier controlling the firing of the rectifier, where by the conduction of the rectifier causes the opening of fluid valves.*

102216. Union Carbide Corporation. Puncture-type safety seal for galvanic cells. Accepted on 5th November 1966.

*Comprising a centralised terminal, an annular shaped seal gasket with an inner and an outer flange; a back-up washer and a washer with teeth in juxtaposition with the said seal gasket which being deflected outwardly upon the generation of gas-pressure.*

102278. Rolls-Royce Limited. Aerofoil shaped blade for fluid flow machines. (13th November 1964). Accepted on 19th November 1966.

*Comprising at least a portion of the duct having a constant cross sectional area throughout its length ratios to the length and area varying from one part of the said portion to at least one other part thereof.*

102400. Associated Electrical Industries Limited. Improvements in or relating to bladed machine rotors. (6th November 1964). Accepted on 21st November 1966.

*Between each pair of adjacent blades in the row, a shroud element is retained in place.*

102443. Imperial Chemical Industries Limited. Improved tank assembly formed from plastic material. (10th November 1964). Accepted on 18th November, 1966.

*Comprising a plurality of hollow containers held together end to end in series with adjacent faces in contact.*

102445. Jervis B. Webb Company. Tilting discharge carrier for conveyors. Accepted on 19th November 1966.

*Actuating member mounted on the carriage for rocking movement, a tripping lever adapted to engage the tripping device, means mounting the tripping lever for pivotal movement relative to the actuating member and carriage and means for imparting rocking movement.*

102934. Mrs. Beryl Alice Enid DePE NNING. Circuit arrangement for track relays, particularly in panel-type control machines with an individual release of switch locks. Accepted on 23rd November 1966.

*Track relay is assembled, with further relays which are in a circuit relation therewith, in a set of relays that is connected by means of cables and/or plug-in devices with one or more sets of switch relays.*

107106. Landini S.p.A. Improvements in or relating to tractors. (11th February 1964). [Divisional date 11th February 1965]. Accepted on 14th November 1966.

*Comprising pair of laterally spaced driving wheel, differential gear, a lock a second shaft.*

107237. Hewitt-Robins International S.A. Bridging devices used with mining or gathering machines. [Divisional Date 27th January 1965]. Accepted on 27th October 1965.

*Having a head and tail end, a frame having means positioning the head and tail end relative said frame, said frame includes a first member, a second member pivotally connected to said first member.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

85859. 85999. 86107. 86846. 86863. 87141. 87143. 87153. 87163. 87168. 87186. 87191. 87198. 87206. 87213. 87236. 87243. 87245. 87273. 87275. 87301. 87314. 87403. 87450. 87462. 87539. 87548. 87588. 87601. 87617. 87652. 87694. 87724. 87778. 87826. 87833. 87839. 87841. 87939. 87962. 87975. 88024. 88031. 88060. 88116. 88342. 88387. 88397. 88726. 88784. 88854. 89007. 89317. 89403. 89668. 89673. 89757. 89773. 89937. 90185. 90366. 90587. 91393. 94621.

#### Renewal Fees Paid

46335. 46371. 46484. 46538. 48534. 48541. 48582. 48585. 48631. 48636. 48663. 48692. 48708. 48710. 48713. 48818. 48852. 48887. 50762. 50943. 50962. 50986. 51190. 51472. 52934. 53099. 53257. 53281. 53286. 53289. 53295. 53329. 53432. 53446. 53448. 53597. 53724. 55108. 55147. 55116. 55147. 55482. 55483. 55800. 55864. 56016. 56029. 56042. 56064. 56118. 56503. 56713. 56737. 56738. 57005. 57154. 58404. 58405. 58650. 59081. 59096. 59101. 59125. 59135. 59165. 59199. 59233. 59243. 59245. 59246. 59258. 59259. 59260. 59765. 60331. 61450. 61714. 62040. 62041. 62068. 62295. 62338. 62354. 62379. 62426. 62464. 62472. 62511. 62544. 62545. 62549. 62610. 62611. 62642. 62819. 62920. 63030. 63056. 63238. 63324. 63554. 64418. 65578. 66004. 66008. 66061. 66106. 66117. 66120. 66144. 66161. 66166. 66168. 66169. 66183. 66188. 66201. 66230. 66283. 66363. 66393. 67233. 68479. 68480. 69481. 69847. 69863. 69912. 69936. 69966. 69967. 69996. 69997. 70033. 70075. 70097. 70107. 70109. 70131. 70133. 70134. 70149. 70179. 70201. 70246. 70249. 70286. 70288. 70350. 70351. 70422. 70451. 70452. 70501. 70515. 71163. 72178. 72353. 72723. 72724. 73332. 73727. 74149. 74312. 74354. 74356. 74375. 74376. 74387. 74388. 74389. 74399. 74406. 74438. 74451. 74476. 74551. 74554. 74561. 74566. 74593. 74632. 74656. 74668. 74716. 74719. 74748. 74820. 74894. 75018. 75031. 75139. 77202. 78235. 78912. 79271. 79448. 79554. 79592. 79593. 79594. 79611. 79642. 79660. 79681. 79664. 79688. 79689. 79702. 79705. 79707. 79750. 79751. 79759. 79760. 79768. 79776. 79784. 79787. 79801. 79809. 79824. 79825. 79838. 79844. 79846. 79867. 79847. 79868. 79869. 79900. 79901. 79922. 79940. 79962. 79963. 79976. 79977. 79988. 80004. 80009. 80037. 80055. 80060. 80070. 80137. 80172. 80173. 80225. 80259. 80261. 80433. 80522. 80759. 80760. 80761. 80762. 80763. 81081. 82742. 83669. 84115. 84367. 84567. 84597. 85213. 85283. 85326. 85371. 85378. 85406. 85415. 85445. 85446. 85467. 85474. 75547. 85549. 85550. 85551. 85571. 85572. 85573. 85574. 85586. 85595. 85596. 85607. 85609. 85642. 85646. 85647. 85648. 85655. 85695. 85696. 85697. 85741. 85750. 85753. 85754. 85770. 85774. 85775. 85789. 85811. 85836. 85855. 85858. 85875. 85876. 85879. 85897. 85898. 85926. 85933. 85959. 85978. 86107. 86125. 86235. 86237. 86770. 87038. 87587. 87760. 90339. 90365. 91025. 91050. 91138. 91149. 91176. 91429. 91428. 91497.

#### Cessation of Patents

63851. 76169. 79595. 85599.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years, from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 127572. Madhav Vishnu Shiddhaye and Mrs. Shamala Madhav Shiddhaye, Indian Nationals, Thakoor Wadi, 2nd Floor, Opposite Kirti College, Kashinath Dhuru Road, Off Cadell Road, Dadar (West), Bombay-28, Maharashtra, India, 'A shredder', December 27, 1965.

Class 1. Nos. 127633 and 127634. Sudhir Ranjan Das, P-244 Lake Road Extn. Calcutta-29, West Bengal, India, Indian National, 'Aluminium foil containers', January 14, 1966.

Class 1. No. 127635. Sudhir Ranjan Das, P-244, Lake Road Estu, Calcutta-29, West Bengal, India, Indian National, 'Aluminium foil ish', January 14, 1966.

Class 1. No. 127658. Nain Sukh Thekedar, Leader Lock Works, Nagla Masani, P.O. Aligarh (U.P.), Nationality—Indian, 'the lock', January 18, 1966.

Class 3. Nos. 127755 to 127757. Red Comet (India) Private Limited, an Indian Company, of 3-60, Sion West Bombay-22, Maharashtra, India, 'Receptacle for a fire extinguishing grenade', February 5, 1966.

Class 1. No. 127759. Anandji Haridas & Company Private Limited, a Private Limited Company incorporated in India under the Indian Companies Act of 195-A, Frere Road, Bombay-1, Maharashtra, India, 'A land motor vehicle', January 5, 1966.

- Class 1.** No. 127922. Mahadeo Shivram Chilka, Proprietor, Shri Ram Cycle Mart, H. No. 1194 to 1196, Bhavani Peth, Poona, 2, Maharashtra State, a subject of the Republic of India. 'Clip for locking cycle valve'. March 5, 1966.
- Class 1.** No. 127920. I. G. Fabrichem, Indian Partnership Firm, 174, Gujarat Society, Sion, Bombay-22, Maharashtra, 'Metal grating'. March, 5, 1966.
- Class 1.** No. 127966. Gur Charan Saini, an Indian citizen of Electron Chambers, Katras Road, Matkura, Dhanbad, Bihar, India. 'Hack saw Frames'. March 17, 1966.
- Class 1.** No. 127967. Gur Charan Saini, an Indian citizen of Electron Chambers, Katras Road, Matkura, Dhanbad, Bihar, India, 'Junior saw Frames'. March 17, 1966.
- Class 1.** No. 127968. Gur Charan Saini, an Indian citizen of Electron Chambers, Katras Road, Matkura, Dhanbad, Bihar, India. 'A set of Die and Tap handles'. March 17, 1966.
- Class 1.** No. 128029. Sultan Mohammad, trading as M. Sultan & Sons, 2452, Bara Dari Sher Afgan, Ballimaran, Delhi-6, Indian National. 'Grease Drum'. March 22, 1966.
- Class 3.** No. 127224. Palavaka Abdu Rahman Abdul Hameed C/o, Messrs Give & Take Co., 91, Angappa Naicken Street, Madras-1, India, Indian National. 'Combs'. October 22, 1965.
- Class 3.** No. 127522. Industrial Plastics (India), of 17, Park Street, Calcutta, India, an Indian Partnership Firm 'A helmet'. December 21, 1965.
- Class 3.** No. 127523. Gemrich Industries, an Indian Partnership Firm, Rangoonwala, Building, 91, Mohamadali Road, Bombay-3 (Maharashtra). 'Container'. December 22, 1965.
- Class 3.** No. 127604. Coronet Shoe Factory, 45, Mahatma Gandhi Road, Agra, U.P., Indian Partnership concern. 'Soles for footwear'. January 5, 1966.
- Class 3.** No. 127618. Singhanian & Kapadia Mfg. Co., 1/406, G. T. Road, Delhi-32, (an Indian Partnership Firm). 'Toy gun'. January 7, 1966.
- Class 3.** No. 127619. Singhanian & Kapadia Mfg. Co., 1/406, G. T. Road, Delhi-32, (an Indian Partnership Firm). 'Toy'. January 7, 1966.
- Class 3.** No. 127620. Iqbal Singh Sandher Sandher Industries, 26/8C Central Town, Jullundur City, Punjab, Indian. 'Electric switch'. January 10, 1966.
- Class 3.** No. 127883. Das Optical Industries, an Indian partnership firm, vanashri Compound, Marve Road, Malad, West, Bombay-64, Maharashtra, 'Egg box'. February 24, 1966.
- Class 3.** No. 127884. Bulsara & Company (Private) Ltd., Indian Company, 43, Meadows Street, Fort, Bombay, Maharashtra. 'Liquid soap dispensers'. February 25, 1966.
- Class 3.** No. 128044. Nandlal Lakhmichand Asrani trading as Nandlal & Co. Near Dhobi Talao Market, Off Cowasji Hormusji Street, Bombay-2 (BR), State of Maharashtra, India, Indian National. 'A multi-purpose electric holder'. March 23, 1966.
- Class 3.** No. 128608. Dwarkadas Dahyabhai Maniar, Indian 71, 3rd Bhoiwada, Bombay-2, Maharashtra, 'Combs'. June 4, 1966.
- Class 4.** No. 127812. Parle Bottling Company Private Ltd., 'Neelkanth'. 98, Marine Drive, Bombay-2. State of Maharashtra, a Private Ltd., Company incorporated under the Indian Companies Act. 'Bottles'. February 14, 1966.
- Class 4.** No. 127878. Renol Industries, 19, Karel Wadi, Gita Bhuvan, Thakurdwar, Bombay-2, Maharashtra, Indian Co., 'Bottles'. February 22, 1966.
- Class 4.** No. 127895. The General Electric Company Limited, whose registered office is at 1 Stanhope Gate, London, W. 1, England, a company incorporated under the Laws of England, 'Table telephone'. September 13, (United Kingdom).
- Class 6.** No. 127876. and 127877. Bekay Exports Private Limited, an Indian Company. Incorporated in India of Princess Chambers, Middle Colaba Road, City of Bombay, State of Maharashtra, India, 'Cartridge Belt Packs'. February 21, 1966.
- Class 13.** No. 128159 to 128163. H. A. Shah & Co., Partnership concern, Indian, of Vasant Vijay Mills, 'Vasant Vijay', 470/471, Worli Road, Bombay-18, (India). 'Textile goods'. April 5, 1966.
- Class 13.** Nos. 128471 to 128474, 128479, 128480, 128482 to 128489, 128491, 128493 to 128496, 128498 to 128504, 128506 to 128511, 128513, 128514, 128517 and 128518. Kesoram Industries & Cotton Mills Limited, Indian Company, 42, Garden Reach Road, Calcutta-24. 'Textile goods'. May 16, 1966.

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110303—Class 1  
95812—Class 3  
110915—Class 5

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110303—Class 1.

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